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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

03/01/2004

Michael G. Fletcher Fletcher, Yoder & Van Someren P.O. Box 692289 Houston, TX 77269-2289

EXAMINER TRAN, THIEN F				
2011	· -			

DATE MAILED: 03/01/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/740,256	12/19/2000	Alan R. Reinberg	MCRO:1062/FLE	5857

TITLE OF INVENTION: SMALL ELECTRODE FOR A CHALCOGENIDE SWITCHING DEVICE AND METHOD FOR FABRICATING SAME

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	06/01/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- Applicant claims SMALL ENTITY status.
 See 37 CFR 1.27.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

appropriate. All further corr	respondence including the I elow or directed otherwise	atent, advance ord	lers and notif	PUBLICATION FEE (if requirection of maintenance fees a new correspondence address	will be mailed to the current	correspondence address as
CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)			ise Block 1)	Fee(s) Transmittal. T	f mailing can only be used f his certificate cannot be used al paper, such as an assignm te of mailing or transmission.	for any other accompanying
7590 03/01/2004 Michael G. Fletcher Fletcher, Yoder & Van Someren P.O. Box 692289 Houston, TX 77269-2289			Ce I hereby certify that i States Postal Service addressed to the Ma	rtificate of Mailing or Tran- his Fee(s) Transmittal is bein with sufficient postage for fin il Stop ISSUE FEE address PTO, on the date indicated be	g deposited with the United st class mail in an envelope above, or being facsimile	
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						(Signature)
						(Date)
APPLICATION NO.	FILING DATE	F	IRST NAMED	INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/740,256	12/19/2000		Alan R. R	Reinberg	MCRO:1062/FLE	5857
TITLE OF INVENTION: SM				ING DEVICE AND METHOI	_	
	SMALL ENTITY	ISSUE FE		PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330		\$300	\$1630 -	06/01/2004
EXAM	INER	ART UNI	т	CLASS-SUBCLASS]	
TRAN, T	HIEN F	2811		257-002000		
Address form PTO/SB/12 "Fee Address" indication PTO/SB/47; Rev 03-02 on Number is required. 3. ASSIGNEE NAME AND PLEASE NOTE: Unless	on (or "Fee Address" Indicator more recent) attached. Use RESIDENCE DATA TO B an assignee is identified beld to the USPTO or is being s	ion form of a Customer E PRINTED ON TI ow, no assignee da	names of agents OR firm (havin agent) and attorneys of will be pring the PATENT at a will appearate cover.		of a single attorney or tered patent and, no name assignee data is only appropriate a substitute for filing an assigneer assignee data as only appropriate a substitute for filing an assigneer assigneer data is only appropriate a substitute for filing an assigneer data is only appropriate a substitute for filing an assigneer data is only appropriate a substitute for filing an assigneer data is only appropriate assigneer data is only appropriate assigneer data is only appropriate assigneer data as only appropriate dat	ate when an assignment ha
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(Authorized Signature)	* *	(Date)	-			
other than the applicant; a interest as shown by the rec	Publication Fee (if require a registered attorney or ago cords of the United States Pa	ent; or the assigned tent and Trademark	e or other pa c Office.	arty in		
This collection of information obtain or retain a benefit I application. Confidentiality estimated to take 12 minut completed application for case. Any comments on suggestions for reducing the Patent and Trademark C 22313-1450. DO NOT S SEND TO: Commissioner	tion is required by 37 CFR by the public which is to five soverned by 35 U.S.C. I ses to complete, including grant to the USPTO. Time will the amount of time you in this burden, should be sent office, U.S. Department END FEES OR COMPLE for Patents, Alexandria, Virgon and the public sent of the pub	TED FORMS TO	ation is request. This collect and submitting the individual of the thin form nation Office lexandria, Very THIS ADD	ired to ess) an etion is ing the ividual and/or r, U.S. firginia RESS.		

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09/740,256	12/19/2000	Alan R. Reinberg	MCRO:1062/FLE	5857
75	590 03/01/2004		EXAM	INER
Michael G. Fletcl	her		TRAN, 1	THIEN F
Fletcher, Yoder &	Van Someren		<u></u>	
P.O. Box 692289			ART UNIT	PAPER NUMBER
Houston, TX 77269	9-2289		2811	
			DATE MAILED: 03/01/200	4

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

	Application No.	Applicant(s)	
Notice of Allowability	09/740,256	REINBERG ET A	<u> </u>
Notice of Allowability	Examiner	Art Unit	
	Thien F Tran	2811	
The MAILING DATE of this communication All claims being allowable, PROSECUTION ON THE MERI' herewith (or previously mailed), a Notice of Allowance (PTO NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATE of the Office or upon petition by the applicant. See 37 CFR	IS IS (OR REMAINS) CLOSED in L-85) or other appropriate comm INT RIGHTS. This application is a	n this application. If not inc unication will be mailed in d	luded lue course. THIS
1. X This communication is responsive to 11/07/2003.			
2. X The allowed claim(s) is/are 32-91.			
3. \square The drawings filed on are accepted by the Exa	aminer.		
 4. ☐ Acknowledgment is made of a claim for foreign prio a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents 	•	or (f).	
2. Certified copies of the priority documents	have been received in Application	on No	
Copies of the certified copies of the prior	ity documents have been receive	d in this national stage app	lication from the
International Bureau (PCT Rule 17.2(a)).			
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING D noted below. Failure to timely comply will result in ABANE THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		e a reply complying with the	requirements
5. A SUBSTITUTE OATH OR DECLARATION must be INFORMAL PATENT APPLICATION (PTO-152) which			or NOTICE OF
6. 🛮 CORRECTED DRAWINGS (as "replacement sheets") must be submitted.		
(a) ☐ including changes required by the Notice of Draf	tsperson's Patent Drawing Revie	w (PTO-948) attached	
1) hereto or 2) to Paper No./Mail Date _			
(b) including changes required by the attached Exar Paper No./Mail Date	niner's Amendment / Comment o	r in the Office action of	
Identifying indicia such as the application number (see 37 each sheet. Replacement sheet(s) should be labeled as such	CFR 1.84(c)) should be written on t th in the header according to 37 CI	he drawings in the front (not FR 1.121(d).	the back) of
7. DEPOSIT OF and/or INFORMATION about the attached Examiner's comment regarding REQUIREM			d. Note the
Attachment(s)			
1. ☐ Notice of References Cited (PTO-892)	5. 🗌 Notice of Ir	nformal Patent Application (PTO-152)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-		Summary (PTO-413), /Mail Date	

THIENTRAN
PRIMARY EXAMINER

7. ⊠ Examiner's Amendment/Comment

8.

Examiner's Statement of Reasons for Allowance

of Biological Material

3. Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____

4.

Examiner's Comment Regarding Requirement for Deposit

Examiner's amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Michael G. Fletcher on February 13, 2004.

The application has been amended as follows:

Claim 62, line 5, delete "by a portion of a substrate" insert --from one another--.

Claim 62, line 7, after "area of intersection in" delete "the" insert --a--.

Claim 77, line 5, delete "by a portion of a substrate" insert --from one another--.

Claim 77, line 7, after "area of intersection in" delete "the" insert --a--.

Drawings

The proposed drawing correction of Figures 5-15 submitted on 03/25/2003 has been approved.

The application having been allowed, formal drawings are required in response to this Office action.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thien F Tran whose telephone number is (571) 272-1665. The examiner can normally be reached on 8:30AM - 5:00PM Monday through Friday.

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Art Unit: 2811

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eddie C Lee can be reached on (571) 272-1732. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

tt February 13, 2004

THIENTRAN
PRIMARY EXAMINER